

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT** of:

Joseph A. Kwak

Patent No.: 7,672,265

Issued: March 2, 2010

Appln. No.: 10/084,043

Filed: February 27, 2002

For: METHOD FOR PHYSICAL LAYER
AUTOMATIC REPEAT REQUEST FOR BASE
STATION

Our File: I-2-0203.2US

Date: March 3, 2011

REQUEST FOR CERTIFICATE OF CORRECTION

Certificate of Patents Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

A Certificate of Correction under 35 U.S.C. § 254 and 37 C.F.R. §1.322 is requested for U.S. Patent No. 7,672,265. The following errors were made during printing by the United States Patent and Trademark Office.

ON THE TITLE PAGE

At Item (56), U.S. PATENT DOCUMENTS, page 2, left column, after line beginning with “5,983,384” insert --6,021,123 2/2000 Mimura--.

At Item (56), U.S. PATENT DOCUMENTS, page 2, left column, after line beginning with “6,473,399” insert --6,519,065 2/2003 Colbourne et al.--.

At Item (56), U.S. PATENT DOCUMENTS, page 2, left column, after line beginning with “6,907,005” insert --6,931,569 8/2005 Fong et al.--.

At Item (56), U.S. PATENT DOCUMENTS, page 2, left column, after line beginning with “6,956,855” insert --7,164,654 1/2007 Hunzinger et al.--.

At Item (56), FOREIGN PATENT DOCUMENTS, page 2, right column, after line beginning with “JP 09-116597” insert --JP 09-247209 9/1947--.

At Item (56), FOREIGN PATENT DOCUMENTS, page 2, right column, after line beginning with “JP 2000-004196” insert --JP 2000-188609 7/2000--.

At Item (56), OTHER PUBLICATIONS, page 2, right column, line 1, before the words “Physical Layer”, insert --3GPP,--.

At Item (56), OTHER PUBLICATIONS, page 2, right column, on line beginning with “3G TR25.835 V1.0.0 (Sep.2003)” delete “3G TR25.835 V1.0.0 (Sep.2003)” and insert therefor --3GPP TR25.835 V1.0.0 (Sep.2003)--.

Patentee: Joseph A. Kwak
Patent No.: 7,762,265

REMARKS

Patentee believe that the above errors are of such a nature as to justify the issuance of a Certificate of Correction. Patentees have enclosed a completed Certificate of Correction Form PTO/SB/44.

Applicants are requesting the addition of references to the face page of this patent. A copy of the Form PTO-1449 showing the Examiner's initials indicating consideration of the references is attached.

Patentees respectfully request that the Certificate of Correction be issued.

Respectfully submitted,

Joseph A. Kwak

By Melissa D. Doogan/
Melissa D. Doogan
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MDD/kmc

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7,672,265
APPLICATION NO.: 10/084,043
ISSUE DATE : March 2, 2010
INVENTOR(S) : Joesph A. Kwak

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE TITLE PAGE

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
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<p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p>	<p>ATTY. DOCKET NO. I-2-0203.2US</p>	<p>SERIAL NO. 10/084,043</p>
	<p>APPLICANT Joseph A. Kwak</p>	
	<p>FILING DATE February 27, 2002</p>	<p>GROUP 2418 2467</p>

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	4,912,705	03/1990	Paneth et al.				
	5,101,406	03/1992	Messenger				
	5,280,498	01/1994	Tymes et al.				
	5,345,439	09/1994	Marston				
	5,345,600	09/1994	Davidson				
	5,351,016	09/1994	Dent				
	5,544,190	08/1996	Tiedemann, Jr. et al.				
	5,570,369	10/1996	Jokinen				
	5,648,969	07/1997	Pasternak et al.				
	5,657,325	08/1997	Lou et al.				
	5,715,260	02/1998	Black et al.				
	5,726,978	03/1998	Frodigh et al.				
	5,729,557	03/1998	Gardner et al.				
	5,828,677	10/1998	Sayeed et al.				
	5,838,267	11/1998	Wang et al.				
	5,918,156	06/1999	Tanabe				
	5,946,320	08/1999	Decker				
	5,954,839	09/1999	Park et al. ²				
	5,954,839	09/1999	Park et al. ¹⁷				
	5,956,624	09/1999	Hunsinger et al.				
	5,982,760	11/1999	Chen				
	5,983,382	11/1999	Pauls				
	5,983,383	11/1999	Wolf				
	5,983,384	11/1999	Ross				
	6,021,123	02/2000	Mimura				

<p>EXAMINER</p> <p>/Saba Tsegaye/ (01/19/2010)</p>	<p>DATE CONSIDERED</p>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p>	<p>ATTY. DOCKET NO. I-2-0203.2US</p>	<p>SERIAL NO. 10/084,043</p>
	<p>APPLICANT Joseph A. Kwak</p>	
	<p>FILING DATE February 27, 2002</p>	<p>GROUP 2449 2467</p>

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,021,124	02/2000	Haartsen ³			
	6,049,549	04/2000	Ganz et al.			
	6,064,692	05/2000	Chow			
	6,128,276	10/2000	Agee			
	6,130,918	10/2000	Humphrey et al.			
	6,134,694	10/2000	Uebayashi et al.			
	6,138,280	10/2000	Ketseoglou			
	6,145,108	11/2000	Ketseoglou			
	6,154,489	11/2000	Kleider et al.			
	6,189,123	02/2001	Anders Nystrom et al.			
	6,208,663	03/2001	Schramm et al. ⁴			
	6,212,240	04/2001	Scheibel, Jr. et al.			
	6,212,659	04/2001	Zehavi			
	6,215,827	04/2001	Balachandran et al.			
	6,226,520	05/2001	Jeoung ¹³			
	6,233,711	05/2001	Murayama et al.			
	6,262,994	07/2001	Dirschel et al.			
	6,272,183	08/2001	Berens et al.			
	6,275,488	08/2001	Cudak et al.			
	6,289,003	09/2001	Raitola et al.			
	6,301,479	10/2001	Roobel et al.			
	6,308,294	10/2001	Ghosh et al.			
	6,317,418	11/2001	Raitola et al.			
	6,359,877	03/2002	Rathonyi et al.			
	6,366,601	04/2002	Ghosh et al.			
	6,370,669	04/2002	Eroz et al.			
	6,421,803	07/2002	Persson et al.			
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	APPLICANT Joseph A. Kwak	
	FILING DATE February 27, 2002	GROUP 246 2467

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,449,246	09/2002	Barton et al.			
	6,470,391	10/2002	Takamoto et al.			
	6,473,399	10/2002	Johansson et al. ¹¹			
	6,519,065	02/2003	Colbourne et al.			
	6,522,650	02/2003	Yonge et al.			
	6,529,561	03/2003	Sipola			
	6,587,985	07/2003	Fukushima et al.			
	6,601,207	07/2003	Vantinen ⁵			
	6,621,807	09/2003	Jung et al. ⁶			
	6,647,076	11/2003	Schenk et al.			
	6,671,266	12/2003	Moon et al. ⁷			
	6,735,180	05/2004	Malkamaki et al.			
	6,760,860	07/2004	Fong et al.			
	6,831,910	12/2004	Moon et al. ⁸			
	6,896,010	05/2005	Chang et al. ⁹			
	6,907,005	06/2005	Dahlman et al.			
	6,931,569	08/2005	Fong et al.			
	6,956,855	10/2005	Chang ¹⁰			
	7,164,654	01/2007	Hunzinger et al.			
/ST/	7,400,898	07/2008	Kang et al. ²²			
	2002/0034182	02/2002	Mallory			
	2002/0037000	03/2002	Park et al. ²⁰			
	2002/0037058	03/2002	Birru			
	2002/0064167	05/2002	Khan et al.			
	2002/0075867	06/2002	Herrmann ²¹			
	2002/0191544	12/2002	Cheng et al.			
	2003/0039226	02/2003	Kwak			
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	APPLICANT Joseph A. Kwak	
	FILING DATE February 27, 2002	GROUP 2419 2467

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASSES	TRANSLATION	
							YES	NO
		2352696	05/2001	CA				
		1132772	01/2004	CN				
		0797327	09/1997	EP				
		0859475	08/1998	EP				
		01-141431	06/1989	JP			X**	
		07-336331	12/1995	JP			X**	
		09-116597	06/1997	JP			X**	
		09-247209	09/1997	JP			X**	
		09-298675	11/1997	JP			X**	
		11-046217	02/1999	JP			X**	
		2000-004196	01/2000	JP			X**	
		2000-188609	07/2000	JP			X**	
/ST/	*	2000-324321	11/2000	JP			X**	
		2001-102034	04/2001	JP			X**	
/ST/	*	2001-148682	05/2001	JP			X**	
/ST/	*	2001-203767	07/2001	JP			X**	
		2003/0004618	01/2003	KR				x
		2179370	02/2002	RU				
		2195768	12/2002	RU				
		2221338	01/2004	RU				
		2221339	01/2004	RU				
		2235432	08/2004	RU				
		2282310	10/2003	RU			X	

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	APPLICANT Joseph A. Kwak	
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							TRANSLATION
		2294055	01/2006	RU			X
		97118086	07/1999	RU			
		2001126714	07/2003	RU			
		431084	04/2001	TW ¹⁹			
		97/37459	10/1997	WO ¹			
/ST/	*	98/13940	04/1998	WO			
		98/21106	07/2000	WO¹⁴			
/ST/	*	98/34381	08/1998	WO			
		99/09698	02/1999	WO			
		99/12303	03/1999	WO			
		99/66675	12/1999	WO ¹²			
		00/05911	02/2000	WO			
		00/10298	02/2000	WO			
		01/01624	01/2001	WO ¹⁵			
		02/33877	04/2002	WO ¹⁶			
		04/038990	06/2004	WO ¹⁸			
/ST/	*	06/071831	07/2003	WO ²³			

OTHER DOCUMENTS

EXAMINER INITIAL	DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
	"Hybrid ARO Methods for EDD in Release in 2000," TSG-RAN Working Group 1 Meeting #14, Oulu, Finland, (July 4-7, 2000).
	3GPP, "Physical Layer Aspects of UTRA High Speed Downlink Packet Access," 3GPP TR 25.848 V4.0.0 (2001-03), pp. 1-89.

EXAMINER /Saba Tsegaye/	(01/19/2010)	DATE CONSIDERED
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EXAMINER INITIAL	DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
	3GPP, 3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; Physical layer aspects of UTRA High Speed Downlink Packet Access (Release 4), TR 25.848 V4.0.0 (2001-02), p. 50.
	3GPP, 3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; Report on Hybrid ARQ Type II/III (Release 2000), 3GPP TR 25.835 V1.0.0 (September 2000).
	BAKHTIYARI ET AL. "Practical Implementation of a Mobile Data Link Protocol With A Type II Hybrid ARQ Scheme and Code Combining," Personal Communication - Freedom Through Wireless Technology. Proceedings of the Vehicular Technology Conference, pp. 774-777 (May 18, 1993).
	ERIKSSON ET AL. "Comparison of Link Quality Control Strategies for Packet Data Services in EDGE." Vehicular Technology Conference, 1999 IEEE, pp. 938-942, (May 16, 1999).
	KIM ET AL. "On Hybrid ARQ of Reverse Channel in 1xEV-DV", Montreal Canada, C50-20010709-019 SAMSUNG_Reverse Channel HARQ.doc, (July 10, 2001).
	MUNETI ET AL., "A New Frequency-Domain Link Adaptation Scheme for Broadband OFDM Systems," IEEE VTS 50th Vehicular Technology Conference, Vol. 1, pp. 253- 257 (1999).
	ROHLING ET AL. "Performance Comparison of Different Multiple Access Schemes for the Downlink of an OFDM Communication System", 1997 IEEE 47 th Vehicular Technology Conference, May 1997, vol. 3, p. 1368, (May 1997).
/ST/	SARI ET AL., "Transmission Techniques for Digital Terrestrial TV Broadcasting," IEEE Communications Magazine, Vol. 33, No. 2, pp. 100-109 (February 1995).
	SAYEED, "Throughput Analysis and Design of Fixed and Adaptive ARQ/Diversity Systems for Slow Fading Channels," Global Telecommunications Conference, 1998, pp. 3686-3691 (November 2, 1998).
	SHIOZAKI ET AL. "A Hybrid ARQ Scheme With Adaptive Forward Error Correction for Satellite Communications." IEEE Transactions on Communications, pp. 482-484 (April 1, 1991).
	STALLINGS, "Networking Standards - A Guide to OSI, ISDN, LAN, and MAN Standards", p. 37, (February 1993).
	WANG ET AL. "Error Control and Concealment for Video Communication --- A Review 1".

X** Abstract Only

¹ corresponds to JP 2000-507777; ² corresponds to RU 2195768; ³ corresponds to CN 1275279; ⁴ corresponds to CN 1277766;

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	FILING DATE February 27, 2002	GROUP 2419 2467

⁵ corresponds to RU 2001126714; ⁶ corresponds to RU 2195089; ⁷ corresponds to RU 2179370; ⁸ corresponds to RU 2210864;
⁹ corresponds to RU 2221338; ¹⁰ corresponds to RU 2221339; ¹¹ corresponds to RU 2235432; ¹² corresponds to CN 1275299;
¹³ corresponds to RU 2138125; ¹⁴ corresponds to RU 2234806; ¹⁵ corresponds to RU 2216868; ¹⁶ corresponds to RU 2236091;
¹⁷ corresponds to RU 2294055; ¹⁸ corresponds to RU 2282310; ¹⁹ corresponds to US 6,181,683; ²⁰ corresponds to KR 2002-45075; ²¹ corresponds to KR 2002-0028846; ²² Corresponds to RU 2340105; ²³ Corresponds to RU 2369019.

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